

## **ABSTRACT**

Disclosed are methods and compositions useful for the treatment of autoimmune diseases. Methods for producing vaccines against autoreactive T-cells are disclosed. The vaccines so produced are capable of restoring a degree of immunologic self-tolerance sufficient to slow or halt the progression of autoimmune disorders. In a preferred embodiment of the invention, a vaccine is derived from attenuated autologous autoreactive T-cells that recognize a variety of myelin-derived proteins. Such vaccine compositions are useful for immunologic therapy for the treatment of multiple sclerosis (MS).

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